

**WATER MANAGEMENT DEVELOPMENT TEAM
WATER SUPPLY TOOL:
FLEXING THE E/I RATIO**

1. **Description:** Modification of the Export/Inflow ratio as described in the Water Quality Control Plan to allow exports over existing E/I standards. EWA Water derived from relaxing the E/I ratio would be used to curtail exports at a later date. Water would be pumped if excess pumping capacity is available at the state or federal facilities. Water would be stored in excess storage at San Luis Reservoir or shifted to groundwater if available.
2. **Project costs:** expected to be negligible.
3. **Timing:** The WQCP allows for flexing of the E/I ratio. This would likely occur in the fall/winter months, but may occur into the winter/spring period.
4. **Project benefits:** This measure would allow for increased fishery protection if standards are relaxed during those times when fisheries are not an issue. Export reductions could then occur at times more beneficial to fisheries. Benefits to water supply is expected to be zero. Water quality could be affected if quality of water pumped is better than the pumping foregone.
5. **Duration of project benefits:** Immediate. Most benefits to fisheries would occur during a single water year. However, in some instances water could be carried over or banked and used in the following year.
6. **Assumed operational restrictions:** Relaxation of the E/I ration would be allowed only when increased pumping would not harm fisheries, the Delta ecosystem, or water quality benefits.
7. **Impacts on others:** No net effect to water supply, as pumping is shifted from one time to another.
8. **Permits or other approvals needed:** Process is already in place, as described in the WQCP Table 3, footnote 22.
9. **Procedure for obtaining permits and other approvals:** As described in the WQCP Table 3, footnote 22, fishery agencies would recommend variations to E/I limit within the operations group. If there are no objections the action can be implemented immediately. The recommended actions require approval from CALFED Policy Group only if there is disagreement on the action. The SWRCB is notified of any variation; if the Executive Director does not object to the variation within 10 days, the variations will remain in

effect.

10. Necessary Cooperating Parties: USBR, DWR